

Comparisons of Job Characteristics

Focus Occupation: [Sound Engineering Technicians \(27-4014\)](#)

Associated Occupation: [Broadcast Technicians \(27-4012\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 71

Focus Occupation: Sound Engineering Technicians (27-4014)

Associated Occupation: Broadcast Technicians (27-4012)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Computers and Electronics	8.4	16.8	17.6	0	Current knowledge level may be sufficient
Telecommunications	3.9	15.5	8.4	<<	Extensive education and/or training may be required
Communications and Media	5.3	14.9	13.4	<	Expanded education and/or training may be required
Engineering and Technology	5.7	14.0	12.8	0	Current knowledge level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Sound Engineering Technicians (27-4014)

Associated Occupation: Broadcast Technicians (27-4012)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation Monitoring	6.6	11.1	9.3	<	A higher skill level may be required
Troubleshooting	4.5	8.4	7.5	<	A higher skill level may be required
Equipment Maintenance	3.5	7.9	6.7	<	A higher skill level may be required
Equipment Selection	3.3	7.9	6.4	<	A higher skill level may be required
Repairing	3.4	6.8	6.6	0	Current skill level may be sufficient
Installation	1.7	5.0	2.2	<<	Extensive development of skills in this area may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities

Similarity of Focus Occupation to Associated Occupation: 90

Focus Occupation: Sound Engineering Technicians (27-4014)

Associated Occupation: Broadcast Technicians (27-4012)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Far Vision	7.8	9.9	7.7	<	Some improvement in abilities may be required
Selective Attention	8.7	9.9	10.6	0	Current ability level may be sufficient
Visual Color Discrimination	6.4	9.7	7.7	<	Some improvement in abilities may be required
Flexibility of Closure	7.8	9.4	7.9	<	Some improvement in abilities may be required
Speed of Closure	5.9	8.5	7.7	<	Some improvement in abilities may be required
Hearing Sensitivity	5.6	8.1	11.6	>>	Current ability level is likely more than sufficient
Memorization	5.6	7.2	6.1	<	Some improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 83

Focus Occupation: Sound Engineering Technicians (27-4014)

Associated Occupation: Broadcast Technicians (27-4012)

Work Activities	Exclusivity of Activity
Maintain daily logs or records	84
Operate audio-visual equipment	76
Operate recording or broadcast studio controls	87
Operate sound-reproducing or recording equipment	89

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Sound Engineering Technicians (27-4014)

Associated Occupation: Broadcast Technicians (27-4012)

Tools and Technologies	Exclusivity
Audio and visual equipment	4
Audio presentation and composing equipment and hardware and controllers	25

Circuit assemblies and radio frequency RF components	40
Computers	1
Content authoring and editing software	1
Data management and query software	1
Electrical measuring and testing equipment	7

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.